

## CLAIMS:

1. A low-pressure mercury vapor discharge lamp comprising:  
a radiation-transmitting discharge vessel (10) enclosing, in a gastight manner,  
a discharge space (13) provided with a filling of mercury and a rare gas,  
the discharge vessel (10) comprising discharge means for maintaining a  
5 discharge in the discharge space (13),  
a container (3) comprising mercury or an amalgam (4) being arranged in the  
discharge vessel (10), the container (3) having an opening (24),  
the container (3) having a glass wall (21),  
the glass wall having a transmission of less than 0.4 in a wavelength range  
10 from 0.8 to 1.5  $\mu\text{m}$ .
2. A low-pressure mercury vapor discharge lamp as claimed in claim 1,  
characterized in that the transmission of the glass wall is less than 0.25 in a wavelength range  
from 1.0 to 1.2  $\mu\text{m}$ .  
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3. A low-pressure mercury vapor discharge lamp as claimed in claim 1 or 2,  
characterized in that the glass wall is manufactured from a glass containing ferric oxide.
4. A low-pressure mercury vapor discharge lamp as claimed in claim 3,  
20 characterized in that the glass wall comprises at least 2% by weight  $\text{Fe}_2\text{O}_3$ .
5. A low-pressure mercury vapor discharge lamp as claimed in claim 3,  
characterized in that the glass wall comprises:  
60-75% by weight  $\text{SiO}_2$ ,  
25 0.1-3% by weight  $\text{B}_2\text{O}_3$ ,  
0.1-7% by weight  $\text{Al}_2\text{O}_3$ ,  
0.1-2.5% by weight  $\text{LiO}_2$ ,  
5-12% by weight  $\text{Na}_2\text{O}$ ,  
2-9% by weight  $\text{K}_2\text{O}$ ,

0.1-3% by weight MgO,  
0.1-5% by weight CaO,  
5-15% by weight BaO, and  
2-7% by weight Fe<sub>2</sub>O<sub>3</sub>.

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6. A low-pressure mercury vapor discharge lamp as claimed in claim 5, characterized in that the glass wall is substantially free from lead.

7. A low-pressure mercury vapor discharge lamp as claimed in claim 1 or 2, characterized in that the opening (24) in the container (3) is provided in a portion (25) of the container (3), which portion (25) is substantially flat.

8. A low-pressure mercury vapor discharge lamp as claimed in claim 1 or 2, characterized in that the container (3) is provided in an exhaust tube (9) in an end portion (12a) of the discharge vessel (10).

9. A container (4) containing mercury or an amalgam (4) for use in a low-pressure mercury vapor discharge lamp according to claim 1 or 2.